


FORM PTO-1449	BEST AVAILABLE COPY	Atty. Docket No.: C382.12-0190	Serial No.: 10/804,773
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT 		Applicant:	
		Kevin I. Bertness	
		Filing Date	Group Art:
		March 18, 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	2,514,745	7/11/50	Dalzell	171	95	
AB	3,593,099	7/13/71	Scholl	320	13	
AC	3,607,673	9/21/71	Seyl	204	1	
AD	3,676,770	7/11/72	Sharaf et al.	324	29.5	
AE	3,729,989	5/1/73	Little	73	133	
AF	3,753,094	8/14/73	Furuishi et al.	324	29.5	
AG	3,808,522	4/30/74	Sharaf	324	29.5	
AH	3,811,089	5/14/74	Strezelewicz	324	170	
AI	3,873,911	3/25/75	Champlin	324	29.5	
AJ	3,886,443	5/27/75	Miyakawa et al.	324	29.5	
AK	3,889,248	6/10/75	Ritter	340	249	
AL	3,906,329	9/16/75	Bader	320	44	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AM	59-17892	1/30/84	Japan			Abstract Only
AN	59-17893	1/30/84	Japan			Abstract Only
AO	59-17894	1/30/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	"Electrochemical Impedance Spectroscopy in Battery Development and Testing", <u>Batteries International</u> , April 1997, pgs. 59 and 62-63.
AQ	"Battery Impedance", by E. Willihnganz et al., <u>Electrical Engineering</u> , September 1959, pgs. 922-925.
AR	"Determining The End of Battery Life", by S. DeBardelaben, <u>IEEE</u> , 1986, pgs. 365-368.
AS	"A Look at the Impedance of a Cell", by S. Debardelaben, <u>IEEE</u> , 1988, pgs. 394-397.

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<i>R</i>	AT 3,909,708	9/30/75	Champlin	324	29.5	<i>R</i>
	AU 3,936,744	2/3/76	Perlmutter	324	158	
	AV 3,946,299	3/23/76	Christianson et al.	320	43	
	AW 3,947,757	3/30/76	Grube et al.	324	28	
	AX 3,969,667	7/13/76	McWilliams	324	29.5	
	AY 3,979,664	9/7/76	Harris	324	17	
	AZ 3,984,762	10/5/76	Dowgiallo, Jr.	324	29.5	
	BA 3,984,768	10/5/76	Staples	324	62	
	BB 4,008,619	2/22/77	Alcaide et al.	73	398	
	BC 4,053,824	10/11/77	Dupuis et al.	324	29.5	
	BD 4,070,624	1/24/78	Taylor	327	158	
<i>R</i>	BE 4,086,531	4/25/78	Bernier	324	158	<i>R</i>

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>R</i>	BF 60225078	11/9/85	Japan			Abstract Only
<i>R</i>	BG 04372536	12/25/92	Japan			Abstract Only
<i>R</i>	BH 04131779	5/6/92	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>R</i>	BI	"The Impedance of Electrical Storage Cells", by N.A. Hampson et al., <u>Journal of Applied Electrochemistry</u> , 1980, pgs. 3-11. <i>No Draw</i>
<i>R</i>	BJ	"A Package for Impedance/Admittance Data Analysis", by B. Boukamp, <u>Solid State Ionics</u> , 1986, pgs. 136-140. <i>No Draw</i>
<i>R</i>	BK	"Precision of Impedance Spectroscopy Estimates of Bulk, Reaction Rate, and Diffusion Parameters", by J. Macdonald et al., <u>J. Electroanal. Chem.</u> , 1991, pgs. 1-11. <i>No Draw</i>

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<i>[initials]</i>	BL 4,112,351	9/5/78	Back et al.	324	16	<i>[initials]</i>
<i>[initials]</i>	BM 4,114,083	9/12/78	Benham et al.	320	39	<i>[initials]</i>
	BN 4,126,874	11/21/78	Suzuki et al.	354	60	<i>[initials]</i>
	BO 4,178,546	12/11/79	Hulls et al.	324	158	<i>[initials]</i>
	BP 4,193,025	3/11/80	Frailing et al.	324	427	<i>[initials]</i>
	BQ 4,207,611	6/10/80	Gordon	364	580	<i>[initials]</i>
	BR 4,315,204	2/9/82	Sievers et al.	322	28	<i>[initials]</i>
	BS 4,316,185	2/16/82	Watrous et al.	340	636	<i>[initials]</i>
	BT 4,322,685	3/30/82	Frailing et al.	324	429	<i>[initials]</i>
	BU 4,363,407	12/14/82	Barkler et al.	209	3.3	<i>[initials]</i>
	BV 4,369,407	1/18/83	Korbell	324	416	<i>[initials]</i>
<i>[initials]</i>	BW 4,412,169	10/25/83	Dell'Orto	320	64	<i>[initials]</i>

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>[initials]</i>	BX 03282276	12/12/91	Japan	<i>[initials]</i>	<i>[initials]</i>	Abstract Only
<i>[initials]</i>	BY 03274479	12/5/91	Japan	<i>[initials]</i>	<i>[initials]</i>	Abstract Only
<i>[initials]</i>	BZ 5216550	8/27/93	Japan	<i>[initials]</i>	<i>[initials]</i>	Abstract Only
<i>[initials]</i>	CA 59017894	1/30/84	Japan	<i>[initials]</i>	<i>[initials]</i>	Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	CB	"Internal Resistance: Harbinger of Capacity Loss in Starved Electrolyte Sealed Lead Acid Batteries, by Vaccaro, F.J. et al., AT&T Bell Laboratories, 1987 IEEE, Ch. 2477, pp. 128,131.
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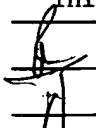




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Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	CC	4,390,828	6/28/83	Converse et al.	320	32	
	CD	4,392,101	7/5/83	Saar et al.	320	20	
	CE	4,396,880	8/2/83	Windebank	320	21	
	CF	4,408,157	10/4/83	Beaubien	324	62	
	CG	4,423,378	12/27/83	Marino et al.	324	427	
	CH	4,423,379	12/27/83	Jacobs et al.	324	429	
	CI	4,424,491	1/3/84	Bobbett et al.	324	433	
	CJ	4,459,548	7/10/84	Lentz et al.	324	158	
	CK	4,514,694	4/30/85	Finger	324	429	
	CL	4,520,353	5/28/85	McAuliffe	340	636	
	CM	4,667,279	5/19/87	Maier	363	46	
	CN	4,678,998	7/7/87	Muramatsu	324	427	
	CO	4,679,000	7/7/87	Clark	324	428	
	CP	4,697,134	9/29/87	Burkum et al.	320	48	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	CQ	EP 0 772 056 A1	5/7/97	EPO	—	X
	CR	EP 0 637 754 A1	2/8/95	EPO	—	X
	CS	2 088 159 A	6/3/82	Great Britain	—	X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CT	IEEE Recommended Practice For Maintenance, Testings, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations, The Institute of Electrical and Electronics Engineers, Inc., ANSI/IEEE Std. 450-1987, 3/9/1987, pp. 7-15.
	CU	"Field and Laboratory Studies to Assess the State of Health of Valve-Regulated Lead Acid Batteries: Part I Conductance/Capacity Correlation Studies", by D. Feder et al., IEEE, August 1992, pgs. 218-233.

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>gk</i>	CV	4,707,795	11/17/87	Alber et al.	364	550
	CW	4,709,202	11/24/87	Koenck et al.	320	43
	CX	4,710,861	12/1/87	Kanner	363	46
	CY	4,719,428	1/12/88	Liebermann	324	436
	CZ	4,743,855	5/10/88	Randin et al.	324	430
	DA	4,816,768	3/28/89	Champlin	324	428
	DB	4,820,966	4/11/89	Fridman	320	32
	DC	4,825,170	4/25/89	Champlin	324	436
	DD	4,849,700	7/18/89	Morioka et al.	324	427
	DE	4,881,038	11/14/89	Champlin	324	426
	DF	4,912,416	3/27/90	Champlin	324	430
	DG	4,929,931	5/29/90	McCuen	340	636
	DH	4,931,738	6/5/90	MacIntyre et al.	324	435
	DI	4,947,124	8/7/90	Hauser	324	430
	DJ	4,956,597	9/11/90	Heavey et al.	320	14
<i>gk</i>	DK	4,968,941	11/6/90	Rogers	324	428

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>R</i>	DL	WO 93/22666	11/11/93	WIPO	—	X
<i>R</i>	DM	WO 98/58270	12/23/98	WIPO	—	X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>R</i>	DN	"Battery Impedance", by E. Willihnganz et al., <u>Electrical Engineering</u> , September 1959, pgs. 922-925.
<i>A</i>	DO	"JIS Japanese Industrial Standard-Lead Acid Batteries for Automobiles", <u>Japanese Standards Association UDC</u> , 621.355.2:629.113.006, Nov. 1995.

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<i>[initials]</i>	DP 5,004,979	4/2/91	Marino et al.	324	160	<i>[initials]</i>
<i>[initials]</i>	DQ 5,032,825	7/16/91	Xuznicki	340	636	
<i>[initials]</i>	DR 5,047,722	9/10/91	Wurst et al.	324	430	
	DS 5,087,881	2/11/92	Peacock	324	378	
	DT 5,126,675	6/30/92	Yang	324	435	
	DU 5,140,269	8/18/92	Champlin	324	433	
	DV 5,144,248	9/1/92	Alexandres et al.	324	428	
	DW 5,170,124	12/8/92	Blair et al.	324	434	
	DX 5,204,611	4/20/93	Nor et al.	320	21	
	DY 5,214,370	5/25/93	Harm et al.	320	35	
	DZ 5,214,385	5/25/93	Gabriel et al.	324	434	
	EA 5,241,275	8/31/93	Fang	324	430	
	EB 5,254,952	10/19/93	Salley et al.	324	429	
	EC 5,281,919	1/25/94	Palanisamy	324	427	
	ED 5,281,920	1/25/94	Wurst	324	430	
	EE 5,295,078	3/15/94	Stich et al.	364	483	
	EF 5,298,797	3/29/94	Redl	307	246	
	EG 5,300,874	4/5/94	Shimamoto et al.	320	15	
<i>[initials]</i>	EH 5,302,902	4/12/94	Groehl	324	434	<i>[initials]</i>

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
EI						

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EK	5,331,268	7/19/94	Patino et al.	320	20	
EL	5,336,993	8/9/94	Thomas et al.	324	158.1	
EM	5,352,968	10/4/94	Reni et al.	320	35	
EN	5,343,380	8/30/94	Champlin	363	46	
EO	5,365,160	11/15/94	Leppo et al.	320	22	
EP	5,365,453	11/15/94	Startup et al.	364	481	
EQ	5,381,096	1/10/95	Hirzel	324	427	
ER	5,426,371	6/20/95	Salley et al.	324	429	
ES	5,432,426	7/11/95	Yoshida	320	20	
ET	5,434,495	7/18/95	Toko	320	44	
EU	5,442,274	8/15/95	Tamai	320	23	
EV	5,457,377	10/10/95	Jonsson	320	5	
EW	5,449,996	9/12/95	Matsumoto et al.	320	20	
EX	5,449,997	9/12/95	Gilmore et al.	320	39	
EY	5,485,090	1/16/96	Stephens	324	433	
EZ	5,519,383	5/21/96	De La Rosa	340	636	
FA	5,528,148	6/18/96	Rogers	324	426	
FB	5,550,485	8/27/96	Falk	324	772	
FC	5,561,380	10/1/96	Sway-Tin et al.	324	509	

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<i>FF</i>	5,562,501	10/8/96	Kinoshita et al.	439	852	
<i>FG</i>	5,572,136	11/5/96	Champlin	324	426	
<i>FH</i>	5,574,355	11/12/96	McShane et al.	320	39	
<i>FI</i>	5,585,728	12/17/96	Champlin	324	427	
<i>FJ</i>	5,592,093	1/7/97	Klingbiel	324	426	
<i>FK</i>	5,596,260	1/21/97	Moravec et al.	320	30	
<i>FL</i>	5,598,098	1/28/97	Champlin	324	430	
<i>FM</i>	5,602,462	2/11/97	Stich et al.	323	258	
<i>FN</i>	5,606,242	2/25/97	Hull et al.	320	48	
<i>FO</i>	5,621,298	4/15/97	Harvey	320	5	
<i>FP</i>	5,642,031	6/24/97	Brotto	320	21	
<i>FQ</i>	5,650,937	7/22/97	Bounaga	364	483	
<i>FR</i>	5,652,501	7/29/97	McClure et al.	320	17	
<i>FS</i>	5,675,234	10/7/97	Greene	320	15	
<i>FT</i>	5,677,077	10/14/97	Faulk	429	90	
<i>FU</i>	5,699,050	12/16/97	Kanazawa	340	636	
<i>FV</i>	5,701,089	12/23/97	Perkins	327	772	
<i>FW</i>	5,717,336	2/10/98	Basell et al.	324	430	
<i>FX</i>	5,757,192	5/26/98	McShane et al.	324	427	

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<i>ls</i>	GA 5,773,978	6/30/98	Becker	324	430	
	GB 5,789,899	8/4/98	van Phuoc et al.	320	30	
	GC 5,793,359	8/11/98	Ushikubo	345	169	
	GD 5,821,756	10/13/98	McShane et al.	324	430	
	GE 5,831,435	11/3/98	Troy	324	426	
	GF 5,872,443	2/16/99	Williamson	320	21	
	GG 5,914,605	6/22/99	Bertness	324	430	
	GH 5,945,829	8/31/99	Bertness	324	430	
	GI 3,356,936	12/5/67	Smith	324	29.5	
	GJ 5,488,300	1/30/96	Jamieson	324	432	
	GK 6,002,238	12/14/99	Champlin	320	134	
	GL 6,037,777	3/14/00	Champlin	324	430	
	GM 6,051,976	4/18/00	Bertness	324	426	
	GN 6,081,098	6/27/00	Bertness et al.	320	134	
	GO 6,091,245	7/18/00	Bertness	324	426	
	GP 6,104,167	8/15/00	Bertness et al.	320	132	
<i>R</i>	GQ 6,137,269	10/24/00	Champlin	320	150	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>ls</i>	GR DE 29 26 716 B1	1/15/81	Germany			X
<i>R</i>	GS 0 022 450 A1	1/21/81	EPO			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>R</i>	GT	"Performance of Dry Cells", by C. Hambuechen, Preprint of <u>Am. Electrochem. Soc.</u> , April 18-20, 1912, paper No. 19, pgs. 1-5.
<i>R</i>	GU	"A Bridge for Measuring Storage Battery Resistance", by E. Willihncanz, <u>The Electrochemical Society</u> , preprint 79-20, April 1941, pgs. 253-258.

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GV	3,562,634	2/9/71	Latner	31	04	
GW	4,379,990	4/12/83	Sievers et al.	322	99	
GX	5,144,218	9/1/92	Bosscha	320	44	
GY	5,315,287	5/24/94	Sol	340	455	
GZ	5,469,043	11/21/95	Cherng et al.	320	31	
HA	5,546,317	8/13/96	Andrieu	364	481	
HB	5,583,416	12/10/96	Klang	320	22	
HC	5,589,757	12/31/96	Klang	320	22	
HD	5,656,920	8/12/97	Cherng et al.	320	31	
HE	5,710,503	1/20/98	Sideris et al.	320	6	
HF	5,760,587	6/2/98	Harvey	324	434	
HG	5,808,469	9/15/98	Kopera	324	43.4	
HH	6,008,652	12/28/99	Theofanopoulos et al.	324	434	
HI	6,009,369	12/28/99	Boisvert et al.	701	99	
HJ	6,031,354	2/29/00	Wiley et al.	320	116	
HK	6,037,751	3/14/00	Klang	320	160	
HL	6,072,299	6/6/00	Kurie et al.	320	112	
HM	6,094,033	7/25/00	Ding et al.	320	132	
HN	6,163,156	12/19/00	Bertness	324	426	
HO	6,172,483	1/9/01	Champlin	320	134	
HP	6,172,505	1/9/01	Bertness	324	430	

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub Class	Translation Yes No
HQ 2 749 397	12/5/97	France			X
HR 59215674	12/5/84	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HS

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FORM PTO-1449	Atty. Docket No.: C382.12-0190	Serial No.: 10/804,773
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
	Kevin I. Bertness	
	Filing Date	Group Art:
	March 18, 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
HT	3,989,544	11/2/76	Santo	429	65	
HU	4,745,349	5/17/88	Palanisamy et al.	320	22	
HV	4,876,495	10/24/89	Palanisamy et al.	320	18	
HW	4,937,528	6/26/90	Palanisamy	324	430	
HX	4,968,942	11/6/90	Palanisamy	324	430	
HY	5,179,335	1/12/93	Nor	320	21	
HZ	5,266,880	11/30/93	Newland	320	14	
IA	5,451,881	9/19/95	Finger	324	433	
IB	5,705,929	1/6/98	Caravello et al.	324	430	
IC	5,717,937	2/10/98	Fritz	395	750.01	
ID	5,862,515	1/19/99	Kobayashi et al.	702	63	
IE	5,895,440	4/20/99	Proctor et al.	702	63	
IF	5,929,609	7/27/99	Joy et al.	322	25	
IG	6,072,300	6/6/00	Tsuji	320	116	
IH	4,659,977	4/21/87	Kissel et al.	320	64	
II	4,913,116	4/3/90	Katogi et al.	123	425	
IJ	5,160,881	11/3/92	Schramm et al.	322	7	
IK	5,338,515	8/16/94	Dalla Betta et al.	422	95	
IL	5,537,967	7/23/96	Tashiro et al.	123	792.1	
IM	5,548,273	8/20/96	Nicol et al.	340	439	
IN	5,747,909	5/5/98	Syverson et al.	310	156	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
IO	62-180284	8/7/87	Japan			Abstract
IP	7-128414	5/19/95	Japan			Abstract

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IQ	
EXAMINER:	DATE CONSIDERED: 7/25/05

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
IR	6,114,834	9/5/00	Parise	320	109	
IS	6,150,793	11/21/00	Lesesky et al.	320	104	
IT	3,876,931	4/8/75	Godshalk	324	29.5	
IU	5,347,163	9/13/94	Yoshimura	307	66	
IV	5,939,861	8/17/99	Joko et al.			
IW	5,339,018	8/16/94	Brokaw	320	35	
IX	5,412,323	5/2/95	Kato et al.	324	429	
IY	5,426,416	6/20/95	Jefferies et al.	340	664	
IZ	5,825,174	10/20/98	Parker	324	106	
JA	5,939,855	8/17/99	Proctor et al.	320	104	
JB	5,254,952	10/19/93	Salley et al.	324	429	
JC	4,217,645	8/12/80	Barry et al.	364	483	
JD	4,633,418	12/30/86	Bishop	364	554	
JE	5,321,626	6/14/94	Palladino	364	483	
JF	5,969,625	10/19/99	Russo	340	636	
JG	6,222,369	4/24/01	Champlin	324	430	
JH	6,225,808	5/1/01	Varghese et al.	324	426	
JI	6,249,124	6/19/01	Bertness	324	426	
JJ	6,259,254	7/10/01	Klang	324	427	
JK	6,262,563	7/17/01	Champlin	320	134	
JL	6,294,896	9/25/01	Champlin	320	134	
JM	6,294,897	9/25/01	Champlin	320	153	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
JN	4-8636	1/13/92	Japan			X (Abstract)
JO	63027776	2/5/88	Japan			Abstract Only

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>[Handwritten]</i>	JP 4,379,989	4/12/83	Kurz et al.	320	26	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JQ 4,680,528	7/14/87	Mikami et al.	320	32	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JR 5,633,985	5/27/97	Severson et al.	395	2.76	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JS 5,739,667	4/14/98	Matsuda et al.	320	5	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JT 4,024,953	5/1977	Nailor, III	206	344	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JU 6,250,973	6/2001	Lowery et al.	439	763	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JV 6,254,438	7/2001	Gaunt	439	755	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JW 6,304,087	10/16/01	Bertness	324	426	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JX 6,310,481	10/30/01	Bertess	324	430	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JY 6,313,607	11/6/01	Champlin	320	132	<i>[Handwritten]</i>
<i>[Handwritten]</i>	JZ 6,313,608	11/6/01	Varghese et al.	32	132	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KA 6,316,914	11/13/01	Bertness	320	134	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KB 5,435,185	7/25/95	Eagan	73	587	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KC 5,445,026	8/29/95	Eagan	73	591	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KD 4,667,143	5/19/87	Cooper et al.	320	22	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KE 4,847,547	7/11/89	Eng, Jr. et al.	320	35	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KF 5,574,355	11/12/96	McShane et al.	320	39	<i>[Handwritten]</i>
<i>[Handwritten]</i>	KG 4,663,580	5/5/87	Wortman	320	35	<i>[Handwritten]</i>

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>[Handwritten]</i>	KH WO 99/23738	5/14/99	WIPO	<i>[Handwritten]</i>	<i>[Handwritten]</i>	X
<i>[Handwritten]</i>	KI WO 94/05069	3/3/94	PCT	<i>[Handwritten]</i>	<i>[Handwritten]</i>	X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Handwritten]</i>	KJ	National Semiconductor Corporation, "High Q Notch Filter", 3/69, Linear Brief 5, March 1969.
<i>[Handwritten]</i>	KK	Burr-Brown Corporation, "Design A 60 Hz Notch Filter with the UAF42", 1/94, AB-071, 1994.
<i>[Handwritten]</i>	KL	National Semiconductor Corporation, "LMF90-4 th -Order Elliptic Notch Filter", 12/94, RRD-830M115, December 1994.

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
JE	KM	6,323,650	11/27/01	Bertness et al.	324	426
	KN	6,329,793	12/11/01	Bertness et al.	320	132
	KO	6,331,762	12/18/01	Bertness	320	134
	KP	6,332,113	12/18/01	Bertness	702	63
	KQ	4,297,639	10/27/81	Branham	324	429
	KR	5,653,659	8/5/97	Kunibe et al.	477	111
	KS	6,161,640	12/19/00	Yamaguchi	180	65.8
	KT	4,351,405	6/28/82	Fields et al.	180	65
	KU	6,359,441	3/16/02	Bertness	324	426
	KV	4,047,091	9/1997	Hutchines et al.	363	59
	KW	5,653,659	8/1997	Kunibe et al.	477	111
	KX	5,637,978	6/1997	Kellett et al.	320	2
	KY	5,095,223	3/1992	Thomas	307	110
	KZ	5,194,799	3/1993	Tomantschger	320	2
	LA	5,754,417	5/1998	Nicollini	363	60
LB						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
LC						
LD						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

LE	"Alligator Clips with Wire Penetrators" J.S. Popper, Inc. product information, downloaded from http://www.jspopper.com/ , undated
LF	"#12: LM78S40 Simple Switcher DC to DC Converter", ITM e-Catalog, downloaded from http://www.pcbcafe.com , undated
LG	"Simple DC-DC Converts Allows Use of Single Battery", Electronix Express, downloaded from http://www.elexp.com/t_dc-dc.htm , undated

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
LH	5,818,234	10/1998	McKinnon	324	433	
LI	6,140,797	10/2000	Dunn	320	105	
LJ	6,181,545	1/2001	Amatucci et al.	361	502	
LK	6,346,795	2/2002	Haraguchi et al.	320	136	
LM	6,347,958	2/2002	Tsai	439	488	
LN	6,351,102	2/26/02	Troy	320	139	
LO	6,359,441	3/19/02	Bertness	324	426	
LP	6,363,303	3/26/02	Bertness	701	29	
LQ	5,037,778	8/6/91	Stark et al.	437	216	
LR	6,144,185	11/7/00	Dougherty et al.	320	132	
LS	5,711,648	1/27/98	Hammerslag	414	786	
LT	5,927,938	7/27/99	Hammerslag	414	809	
LU	5,951,229	9/14/99	Hammerslag	414	398	
LV	5,961,561	10/5/99	Wakefield, II	701	29	
LW	5,961,604	10/5/99	Anderson et al.	709	229	
LX	6,236,332	5/22/01	Conkright et al.	340	825.06	
LY	6,351,102	2/26/02	Troy	320	139	
LZ	5,821,757	10/13/98	Alvarez et al.	324	434	
MA	6,167,349	12/26/00	Alvarez	702	63	

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub Class	Translation Yes No
MB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MC	"DC-DC Converter Basics", Power Designers, downloaded from http://www.powederdesigners.com/InforWeb.design_center/articles/DC-DC/converter.shtm , undated	
MD		

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
ME	4,665,370	5/1987	Holland	324	429	
MF	4,361,809	11/1982	Bil et al.	324	426	
MG	6,392,414	5/21/02	Bertness	324	429	
MH	6,417,669	7/9/02	Champlin	324	426	
MI	6,424,158	7/23/02	Klang	324	433	
MJ	6,441,585	8/17/02	Bertness	320	132	
MK	6,445,158	9/3/02	Bertness et al.	320	104	
ML	6,384,608	5/7/02	Namaky	324	425	
MM	6,388,448	5/14/02	Cervas	324	426	
MN	6,307,349	10/23/01	Koenck et al.	320	112	
MO	6,411,098	6/25/02	Laletin	324	436	
MP	6,456,045	9/24/02	Troy et al.	320	139	
MQ	6,466,025	10/15/02	Klang	324	429	
MR	6,466,026	10/15/02	Champlin	324	430	
MS	4,564,798	1/14/86	Young	320	6	
MT	5,563,496	10/8/96	McClure	320	48	
MU	5,796,239	8/18/98	van Phuoc et al.	320	107	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
MV	RU 2089015-C1	8/27/97	Russia			Abstract Only
MW	09061505	3/7/97	Japan			Abstract Only
MX	10056744	2/24/98	Japan			Abstract Only

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MY	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US02/29461.
MZ	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07546.

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
NA	4,888,716	12/19/89	Ueno	364	550	
NB	6,495,990 B2	12/17/02	Champlin	320	132	
NC	4,385,269	5/24/83	Aspinwall et al.	320	14	
ND	4,686,442	8/11/87	Radomski	320	17	
NE	6,061,638	5/9/00	Joyce	702	63	
NF	6,359,442	3/19/02	Henningson et al.	324	426	
NG	5,541,489	7/30/96	Dunstan	320	2	
NH	6,424,157	7/23/02	Gollomp et al.	324	430	
NI	6,534,993	3/18/03	Bertness	324	433	
NJ	6,544,078	4/8/03	Palmisano et al.	439	762	
NK	6,556,019	4/29/03	Bertness	324	426	
NL	6,566,883	5/20/03	Vonderhaar et al.	324	426	
NM	6,586,941	7/1/03	Bertness et al.	324	426	
NN	6,597,150	7/22/03	Bertness et al.	320	104	
NO	2002/0171428	11/21/02	Bertness	324	426	
NP	6,263,268	7/17/01	Nathanson	701	29	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
NQ	WO 00/67359	11/9/00	WIPO			X
NR	WO 01/51947	7/19/01	WIPO			X
NS	WO 98/04910	2/5/98	WIPO			X
NT	WO 00/62049	10/19/00	WIPO			X
NU						
NV						


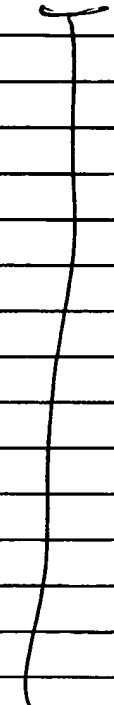

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

NW	"Notification of Transmittal of The International Search Report or the Declaration" PCT/US03/06577.
EXAMINER:	DATE CONSIDERED: 7/25/05

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
	OA	5,410,754	4/1995	Klotzbach et al.	370	85.13	
	OB	5,654,623	8/1997	Shiga et al.	320	48	
	OC	6,055,468	4/2000	Kaman et al.	701	29	
	OD	2003/0025481	2/2003	Bertness	320	155	
	OE	5,313,152	5/1994	Wozniak et al.	320	118	
	OF	2003/0184306	10/2003	Bertness et al.	324	426	
	OG	2004/0000891	1/2004	Raichle et al.	320	107	
	OH	3,750,011	7/1973	Kreps	324	29.5	
	OI	5,159,272	10/1992	Rao et al.	324	429	
	OJ	5,325,041	6/1994	Briggs	320	44	
	OK	6,526,361	2/2003	Jones et al.	702	63	
	OL	6,667,624	12/2003	Raichle et al.	324	522	
	OM	2002/0010558	1/24/02	Bertness et al.	702	63	
	ON	2002/0176010	11/28/02	Wallach et al.	348	229.1	
	OO	3,652,341	3/28/1972	Halsall et al.	136	176	
		OP	5,747,967	5/5/1998	Muljadi et al.	320	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
<i>[Handwritten mark]</i>	OQ	JP 11103503 A	4/1999	Japan		X (Abstract)
<i>[Handwritten mark]</i>	OR	WO 01/59443	2/9/01	WIPO		X
<i>[Handwritten mark]</i>	OS	GB 2 246 916 A	10/8/90	Great Britian		
	OT					
	OU					
	OV					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OW	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/07837.
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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OA	6,628,011	9/30/03	Droppo et al.	307	43	
OB	5,780,980	7/14/98	Naito	318	139	
OC	5,412,308	5/2/95	Brown	323	267	
OD	6,222,342	4/24/01	Eggert et al.	320	105	
OE	6,679,212	1/20/04	Kelling	123	179.28	
OF	5,850,113	12/15/98	Weimer et al.	307	125	
OG	6,242,887	6/5/01	Burke	320	104	
OH	6,238,253	5/29/01	Qualls	439	759	
OI	4,056,764	11/1/77	Endo et al.	320	3	
OJ	6,005,759	12/21/99	Hart et al.	361	66	
OK	6,064,372	5/16/00	Kahkoska	345	173	
OL	5,323,337	6/21/94	Wilson et al.	364	574	
OM	5,978,805	11/2/99	Carson	707	10	
ON	6,600,815	7/29/03	Walding	379	93.07	
OO	4,933,845	6/12/90	Hayes	364	200	
OP	6,618,644	9/9/03	Bean	700	231	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
OQ						
OR						
OS						
OT						
OU						
OV						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OW	
EXAMINER: <i>RS-Can</i>	DATE CONSIDERED: <i>7/25/05</i>

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Atty. Docket No.:
C382.12-0190Serial No.:
10/804,773LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant:

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Filing Date

Group Art:

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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
OA	5,982,138	11/9/99	Krieger	320	105	
OB	4,620,767	11/4/86	Woolf	339	255	
OC	4,934,957	6/19/90	Bellusci	439	504	
OD	5,772,468	6/30/98	Kowalski et al.	439	506	
OE	5,108,320	4/28/92	Kimber	439	883	
OF	5,453,027	9/26/95	Buell et al.	439	433	
OG	5,865,638	2/2/99	Trafton	439	288	
OH	3,796,124	3/12/74	Crosa	85	36	
OI	4,280,457	7/28/81	Bloxham	123	198	
OJ	4,160,916	7/10/79	Papasideris	307	10	
OK	6,356,042	3/12/02	Kahlon et al.	318	138	
OL	6,259,170	7/10/01	Limoge et al.	307	10.8	
OM	6,081,109	6/27/00	Seymour et al.	324	127	
ON	6,031,368	2/29/00	Klippel et al.	324	133	
OO	6,211,651	4/3/01	Nemoto	320	133	
OP	6,046,514	4/4/00	Rouillard et al.	307	77	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
OQ						
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OS						
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"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/41561.

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FORM PTO-1449	Atty. Docket No.: C382.12-0190	Serial No.: 10/804,773
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Applicant:	
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	March 18, 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>OA</i>	6,531,848	3/11/03	Chitsazan et al.	320	153	
<i>OB</i>	4,023,882	5/17/77	Pettersson	339	96	
<i>OC</i>	2,000,665	5/7/35	L.P. Neal	173	324	
<i>OD</i>	6,158,000	12/5/00	Collins	713	1	
<i>OE</i>	5,745,044	4/28/98	Hyatt, Jr. et al.	340	825.31	
<i>OF</i>	5,578,915	11/26/96	Crouch, Jr. et al.	320	48	
<i>OG</i>	5,592,094	1/7/97	Ichikawa	324	427	
<i>OH</i>	6,275,008	8/14/01	Arai et al.	320	132	
<i>OI</i>	5,872,453	2/15/99	Shimoyama et al.	324	431	
<i>OJ</i>	5,321,627	6/14/94	Reher	364	483	
<i>OK</i>	4,949,046	8/14/90	Seyfang	324	427	
<i>OL</i>						
<i>OM</i>						
<i>ON</i>						
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<i>OW</i>	"Notification of Transmittal of The International Search Report or the Declaration", PCT/US03/27696.
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